

Section 1. Building Overview

The Integrated Research Facility (IRF) is a combination of two distinct buildings, Building 25 and the recent construction of Bldg 28 which are independent areas but comprise the functioning units of the entire facility. These buildings in combination provide a very complex and sophisticated moderate-to-high containment facility designed to provide the safest of research facilities in the United States. The total facility is approx. 124,500 sq. ft. The types of occupancy include BSL-2, BSL-3, and BSL-4 containment laboratories, ABSL-3 and ABSL-4 small animal isolation facilities, and administrative and mechanical support areas.

Building 25

Building 25 consists of two floors. The first floor consists of approx. 3,300 sq ft of BSL-3 laboratories, 4,700 sq ft of ABSL-3 small animal isolation, and 1,700 sq ft of small animal support functions. The second floor consists of approx. 9,700 sq ft of mechanical support. There are two corridors that connect Bldg 25 to Bldg 28.

Building 28

Building 28 is divided into two separate functional areas.

The **north side** of the facility consists of two floors.

- The first floor consists of administrative support, security and BSL-2 laboratories.
- The second floor consists of scientific office space, and BSL-2 laboratories. The combined BSL-2 laboratory space is approx. 14,650 sq ft.
- On the second floor is also approx. 2,950 sq ft of BSL-3 space.
- There are stairs located at both the East and West ends of the building.
- There is an elevator located on the West end of the building

The **south side** of building 28 consists of three floors and a mechanical mezzanine that is considered the Maximum Containment area of the facility.

- The first floor contains mechanical support and office areas
- The sprinkler tree, Emergency power switch gear and main electrical switch gear located on the first floor are covered in the Fire Fighter support Annex
- The second floor consists of BSL-4 laboratories and ABSL-4 small animal isolation rooms. This area is highly restricted and in an emergency response personnel will be escorted by security personnel and the Biosafety Officer.
- The third floor and mechanical mezzanine contains air handling equipment, HEPA filtration housings, exhaust fans, chemical disinfectant storage, breathing air compressors supporting the BSL-4 facilities, as well as backup breathing air systems.
- There are stairs on the North side leading from the Lobby area to the corridor (2A108C) and on the North West end (2B171)

- There is an elevator on the South east corner (1B150E)

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